

**AGENDA:** January 14, 2003

**4.10**

**CATEGORY:** Consent

**DEPT.:** Public Works

**TITLE:** North Shoreline Water Main Replacement,  
Project 00-41—Accept Construction

### **RECOMMENDATION**

Accept North Shoreline Water Main Replacement, Project 00-41, and authorize the final contract payment.

### **FISCAL IMPACT**

North Shoreline Water Main Replacement, Project 00-41, is an approved capital improvement project with an amended budget of \$161,000. The final construction cost of \$75,651 is within the approved construction budget of \$81,110.

### **BACKGROUND AND ANALYSIS**

On July 9, 2002, the City Council awarded the construction contract to West Valley Construction of San Jose at the low bid price of \$71,110 and authorized a construction contingency of \$10,000. The work included installation of 170 linear feet of 8" diameter high-density polyethylene water main pipe under Permanente Creek. The new water main was installed using the directional bore method of construction which eliminated the need to trench across Permanente Creek and, therefore, had the least impact on the environmentally sensitive creek corridor.

The new water main replaced an existing water main that ruptured under Permanente Creek and reestablished the loop water main system serving the sewage pump station, the golf course Pro Shop and the Michaels restaurant area. A loop water main system provides redundancy that will allow those facilities to have water if a section of the water main should break or has to be shut down for maintenance.

The final construction cost of \$75,651 included one change order totaling \$4,541 to account for actual final measured quantities of work. All work has been completed in accordance with the plans and specifications.

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**PUBLIC NOTICING**—Agenda posting.

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CTH/8/CAM  
977-01-14-03M-1 ^

cc: West Valley Construction, Inc.

APWD—Ko, DE/PE, CE, SPWI, F/c